

QY 2101 TTTTTCAGTTTGATATTTCTAGCTTATCTACTTCCAAACTAAATTTTATTTTGTGCGA 2160  
Db 2131 TTTTTCAGTTTGATATTTCTAGCTTATCTACTTCCAAACTAAATTTTATTTTGTGCGA 2190  
QY 2161 GACTAATCTTATCTATTTCTCTAATATGCGAACCATTTATATAACCTTAAATTTATTTAAT 2220  
Db 2191 GACTAATCTTATCTATTTCTCTAATATGCGAACCATTTATATAACCTTAAATTTATTTAAT 2250  
QY 2221 ATACCTAAGAAGTACATTTGTTACCTCTATATACCAAGCACATTTTAAAGTGCCATTAA 2280  
Db 2251 ATACCTAAGAAGTACATTTGTTACCTCTATATACCAAGCACATTTTAAAGTGCCATTAA 2310  
QY 2281 CAAATGTATCACTAGCCCTCCTTTTCCAAAGAGGACTGAGAGATGCAGAAATATT 2340  
Db 2311 CAAATGTATCACTAGCCCTCCTTTTCCAAAGAGGACTGAGAGATGCAGAAATATT 2370  
QY 2341 TGTGACAAAAAATTAAGCATTTAGAAAACTT 2372  
Db 2371 TGTGACAAAAAATTAAGCATTTAGAAAACTT 2402

RESULT 6  
US-08-892-880-1  
Sequence 1, Application US/08892880  
Patent No. 5942417  
GENERAL INFORMATION:  
APPLICANT: NI, JIAN  
APPLICANT: GENTZ, REINER L.  
APPLICANT: DILLON, PATRICK J.  
TITLE OF INVENTION: CD44-LIKE PROTEIN.  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
STREET: 1100 NEW YORK AVENUE, NW, SUITE 600  
CITY: WASHINGTON  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/892,880  
FILING DATE: HEREWITH  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/021,762  
FILING DATE: 15-JUL-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: STEFFE, ERIC K  
REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488,0490001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2313 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 91..1056  
NAME/KEY: mat\_peptide  
LOCATION: 154..1056  
FEATURE:  
NAME/KEY: sig\_peptide  
LOCATION: 91..153

US-08-892-880-1  
Query Match  
Best Local Similarity 96.6%; Score 2290.2; DB 2; Length 2313;  
Matches 2292; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 75 CATCCGGACTAGTTATTGAGCATCTGCCCTCATATCACCAGTGGCCATCTGAGGTGTTT 134  
Db 6 CATCCGGACTAGTTATTGAGCATCTGCCCTCATATCACCAGTGGCCATCTGAGGTGTTT 65  
QY 135 CCCTGGCTCTGAAGGGGTAGGCACGATGGCAGGTGCTTTCAGCCTGGTGTGCTTCTCAC 194  
Db 66 CCCTGGCTCTGAAGGGGTAGGCACGATGGCAGGTGCTTTCAGCCTGGTGTGCTTCTCAC 125  
QY 195 TTCCATCTGGACCCAGAGGCTCCTGGTCCAGGCTCTTTGCGTGCAGAGAGCTTTCCAT 254  
Db 126 TTCCATCTGGACCCAGAGGCTCCTGGTCCAGGCTCTTTGCGTGCAGAGAGCTTTCCAT 185  
QY 255 CCAGGTGTCTATGCAGAAATTATGGGATCACCCCTGTGAGCAAAAAGCGAACCAGCAGCT 314  
Db 186 CCAGGTGTCTATGCAGAAATTATGGGATCACCCCTGTGAGCAAAAAGCGAACCAGCAGCT 245  
QY 315 GAATTTTCACAGAAAGCTAAGGAGGCTGTAGGCTGTGGACTAAGTTTGGCCGCAAGGA 374  
Db 246 GAATTTTCACAGAAAGCTAAGGAGGCTGTAGGCTGTGGACTAAGTTTGGCCGCAAGGA 305  
QY 375 CCAAGTTGAAACAGCCCTTGAAGAGCTAGCTTTTGAAGCTATGGCTGGTGGAGA 434  
Db 306 CCAAGTTGAAACAGCCCTTGAAGAGCTAGCTTTTGAAGCTATGGCTGGTGGAGA 365  
QY 435 TGGATTCGTGGTCTATCTTAGGATAGCCCAACCCCAAGTGTGGGAAAAATGGGGTGGG 494  
Db 366 TGGATTCGTGGTCTATCTTAGGATAGCCCAACCCCAAGTGTGGGAAAAATGGGGTGGG 425  
QY 495 TGTCTGATTTGGAAGTTCCAGTGAGCCGACAGATTTCAGCCTATTGTTTCAACTCATC 554  
Db 426 TGTCTGATTTGGAAGTTCCAGTGAGCCGACAGATTTCAGCCTATTGTTTCAACTCATC 485  
QY 555 TGATACTTGGACTAACTCGTGATTCAGAAATATACACCACCAAGATCCCATATTCAA 614  
Db 486 TGATACTTGGACTAACTCGTGATTCAGAAATATACACCACCAAGATCCCATATTCAA 545  
QY 615 CACTCAAACTGCAACACAAACAGAAATTTATGTAGTGAAGTACCTACTCGGTGGC 674  
Db 546 CACTCAAACTGCAACACAAACAGAAATTTATTTGTCAGTACAGTACCTACTCGGTGGC 605  
QY 675 ATCCCTTACTCTACAATACCTGCCCCCTACTACTACTCTCTCTGCTCCAGTTCACCTC 734  
Db 606 ATCCCTTACTCTACAATACCTGCCCCCTACTACTACTCTCTCTGCTCCAGTTCACCTC 665  
QY 735 TATTCCACGGAGAAAAAATTTGTTGTGTCAAGAAATTTTATGAAACTAGCACCCT 794  
Db 666 TATTCCACGGAGAAAAAATTTGTTGTGTCAAGAAATTTTATGAAACTAGCACCCT 725  
QY 795 GTCTACAGAAACTGAACCACTTTGTTGAAATATAAGCAGCAATCAAGAAATGAAGCTGCTG 854  
Db 726 GTCTACAGAAACTGAACCACTTTGTTGAAATATAAGCAGCAATCAAGAAATGAAGCTGCTG 785  
QY 855 GTTTGGAGGTGTCCTCCACGGCTCTGTAGTGTGCTCTCTCTCTCTTTTGGTGTGCGAGC 914  
Db 786 GTTTGGAGGTGTCCTCCACGGCTCTGTAGTGTGCTCTCTCTCTCTTTTGGTGTGCGAGC 845  
QY 915 TGGTCTTGGATTTGCTATGTCAAAAGGTATGTGAAGGCTTCCCTTTTACAAACAAGAA 974  
Db 846 TGGTCTTGGATTTGCTATGTCAAAAGGTATGTGAAGGCTTCCCTTTTACAAACAAGAA 905  
QY 975 TCAGCAGAGGAAATGATCGAAACCAAGTAGTAAAGGAGGAGGAGGCAATGATAGCAA 1034  
Db 906 TCAGCAGAGGAAATGATCGAAACCAAGTAGTAAAGGAGGAGGAGGCAATGATAGCAA 965  
QY 1035 CCCTAATGAGGAATCAAGAAAACTGATATAAAACCCAGAGAGTCCAGAGTCCCAAGCAA 1094  
Db 966 CCCTAATGAGGAATCAAGAAAACTGATATAAAACCCAGAGAGTCCAGAGTCCCAAGCAA 1025

QY 1095 AACTACCGTGGATGCTGGAAGCTGAAGTTTAGATGAGACAGAAATGAGGAGACACACC 1154  
DE 1026 AACTACCGTGGATGCTGGAAGCTGAAGTTTAGATGAGACAGAAATGAGGAGACACACC 1085  
QY 1155 TGAGGCTGGTTCTTTTCATGCTCCCTTACCTGCCCCAGCTGGGAAATCAAAAGGGCCAA 1214  
DB 1086 TGAGGCTGGTTCTTTTCATGCTCCCTTACCTGCCCCAGCTGGGAAATCAAAAGGGCCAA 1145  
QY 1215 AGAACCAAGAAAGAAAGTCCACCCCTGGTTCCTAACTGGAATCAGCTCAGGACTGCCATT 1274  
DB 1146 AGAACCAAGAAAGAAAGTCCACCCCTGGTTCCTAACTGGAATCAGCTCAGGACTGCCATT 1205  
QY 1275 GGACTATGGAGTGCACCAAGAGAAATGCCCTTCTCCTTATTGTAACCCCTGTCTGGATCCT 1334  
DB 1206 GGACTATGGAGTGCACCAAGAGAAATGCCCTTCTCCTTATTGTAACCCCTGTCTGGATCCT 1265  
QY 1335 ATCCTCTACCTCCAAAGCTTCCACGGCCCTTCTAGCCCTGCTATGTCTTAATATATC 1394  
DB 1266 ATCCTCTACCTCCAAAGCTTCCACGGCCCTTCTAGCCCTGCTATGTCTTAATATATC 1325  
QY 1395 CCCTGGGAGAAAGGAGTTTTCGAAAGTCAAGGACCTAAACATCTCATCAGTATCCAG 1454  
DB 1326 CCCTGGGAGAAAGGAGTTTTCGAAAGTCAAGGACCTAAACATCTCATCAGTATCCAG 1385  
QY 1455 TGGTAAAGGCTCCTGGCTGTCTGAGGCTAGGTGGTTGAAAGCCAAAGGAGTCACTGA 1514  
DB 1386 TGGTAAAGGCTCCTGGCTGTCTGAGGCTAGGTGGTTGAAAGCCAAAGGAGTCACTGA 1445  
QY 1515 GACCAAGGCTTCTCTACTGATTCGCGAGCTCAGACCCCTTCTTCCAGCTCTGAAAGAGAA 1574  
DB 1446 GACCAAGGCTTCTCTACTGATTCGCGAGCTCAGACCCCTTCTTCCAGCTCTGAAAGAGAA 1505  
QY 1575 ACACGTATCCACCTGACATGTCTCTGAGCCCGGTAAAGCAAAAGAAATGGCAGAAAA 1634  
DB 1506 ACACGTATCCACCTGACATGTCTCTGAGCCCGGTAAAGCAAAAGAAATGGCAGAAAA 1565  
QY 1635 GTTTAGCCCTGAAAGCCATGGAGATTCTCATAACTTGAGACCTTAATCTCTGTAAGCTA 1694  
DB 1566 GTTTAGCCCTGAAAGCCATGGAGATTCTCATAACTTGAGACCTTAATCTCTGTAAGCTA 1625  
QY 1695 AAATAAGAAATAGAACAGGCTGAGGATACGACAGTACACTGTCTCAGCGGAGCTGAAA 1754  
DB 1626 AAATAAGAAATAGAACAGGCTGAGGATACGACAGTACACTGTCTCAGCGGAGCTGAAA 1685  
QY 1755 CACAGACAGGCTCAAAGTGTCTCTGAACACATTGAGTTGGAATCACTGTTTGAACA 1814  
DB 1686 CACAGACAGGCTCAAAGTGTCTCTGAACACATTGAGTTGGAATCACTGTTTGAACA 1745  
QY 1815 CACACACTTACTTTTCTGGTCTCTACCACTGCTGATATTTCTCTAGGAAATATATTT 1874  
DB 1746 CACACACTTACTTTTCTGGTCTCTACCACTGCTGATATTTCTCTAGGAAATATATTT 1805  
QY 1875 TACAAGTAAACAAAAATATAAACTCTTATAAAATTTCTATTTTATCTGAGTTACAGAAATG 1934  
DB 1806 TACAAGTAAACAAAAATATAAACTCTTATAAAATTTCTATTTTATCTGAGTTACAGAAATG 1865  
QY 1935 ATTACTAAGGAAGATTACTCAGTAATTTGTTTAAAAAGTAAATAAAATTCACACAAATTT 1994  
DB 1866 ATTACTAAGGAAGATTACTCAGTAATTTGTTTAAAAAGTAAATAAAATTCACACAAATTT 1925  
QY 1995 GCTGAATAGTACTATATGTCAAGTGTGTCAAGGTATTACACTCTGTGAATGAAATTT 2054  
DB 1926 GCTGAATAGTACTATATGTCAAGTGTGTCAAGGTATTACACTCTGTGAATGAAATTT 1985  
QY 2055 ATTCCTCAAAAAATGACATAGTAGAACGCTATCTGGGAAGCTATTTTTCAGTTTGTG 2114  
DB 1986 ATTCCTCAAAAAATGACATAGTAGAACGCTATCTGGGAAGCTATTTTTCAGTTTGTG 2045  
QY 2115 ATATTTCTAGCTTATCTACTTCCAAACTAATTTTATATTTTCTGAGACTAATCTTATTC 2174  
DB 2046 ATATTTCTAGCTTATCTACTTCCAAACTAATTTTATATTTTCTGAGACTAATCTTATTC 2105

QY 2175 ATTTTCTTAATATGGAACCACTTATAACCTTAATTTTATTATTAACATACCTAAGAAGTA 2234  
DB 2106 ATTTTCTTAATATGGAACCACTTATAACCTTAATTTTATTATTAACATACCTAAGAAGTA 2165  
QY 2235 CATTTGTTACCTCTATATACCAAGCACATTTTAAAGTGCCATTAAACAAATGTATCACTA 2294  
DB 2166 CATTTGTTACCTCTATATACCAAGCACATTTTAAAGTGCCATTAAACAAATGTATCACTA 2225  
QY 2295 GCCCTCCTTTTCCAAACAAGAGGAGTGCAGATGCAGAAATATTGTGACAAAAAATT 2354  
DB 2226 GCCCTCCTTTTCCAAACAAGAGGAGTGCAGATGCAGAAATATTGTGACAAAAAATT 2285  
QY 2355 AAAGCAATTTAGAAAA 2369  
DB 2286 AAAGCAATTTAGAAAA 2300

RESULT 7  
US-09-232-160-13  
; Sequence 13, Application US/09232160  
; Patent No. 6368794  
; GENERAL INFORMATION:  
; APPLICANT: Steve Daniel  
; APPLICANT: James Gilmore  
; APPLICANT: Susan G. Stuart  
; APPLICANT: Laura Stuve  
; TITLE OF INVENTION: DETECTION OF ALTERED EXPRESSION OF GENES REGULATING CELL  
; TITLE OF INVENTION: PROLIFERATION  
; FILE REFERENCE: PA-0003 US  
; CURRENT APPLICATION NUMBER: US/09/232,160  
; CURRENT FILING DATE: 1999-01-15  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: PERL Program  
; SEQ ID NO 13  
; LENGTH: 2029  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: 3044710  
US-09-232-160-13

Query Match 84.1%; Score 1994; DB 4; Length 2029;  
Best Local Similarity 99.8%; Pred. No. 0;  
Matches 1997; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 AGCAGGGAATCCGGATGTCTCGTTATGAAGTGGAGCAGTGAAGTGTGAGCCTCAACATA 60  
DB 24 AGCAGGGAATCCGGATGTCTCGTTATGAAGTGGAGCAGTGAAGTGTGAGCCTCAACATA 83  
QY 61 GTTCCAGAACTCTCCATCCGGACTAGTTATTGAGCATCTGCCTCTCATATCACCAAGTGC 120  
DB 84 GTTCCAGAACTCTCCATCCGGACTAGTTATTGAGCATCTGCCTCTCATATCACCAAGTGC 143  
QY 121 CATCTGAGGTGTTTCCCTGGCTCTGAAGGGGTAGGCACGATGGCCAGGTGCTTCAGCCTG 180  
DB 144 CATCTGAGGTGTTTCCCTGGCTCTGAAGGGGTAGGCACGATGGCCAGGTGCTTCAGCCTG 203  
QY 181 GTGTTGCTTCTCACTTCCATCTGGACCAAGGCTCCTGGTCCAAAGGCTCTTTGCGTGCA 240  
DB 204 GTGTTGCTTCTCACTTCCATCTGGACCAAGGCTCCTGGTCCAAAGGCTCTTTGCGTGCA 263  
QY 241 GAAGAGCTTCCATCCAGGTGTCTGAGCAATTAAGGAGTCAACCTTGTGAGCAAAAAG 300  
DB 264 GAAGAGCTTCCATCCAGGTGTCTGAGCAATTAAGGAGTCAACCTTGTGAGCAAAAAG 323  
QY 301 GCGAACCAAGCAGCTGAATTTTCAGAAAGTAAAGGAGGCTGTGAGGCTGTGGGACTAAGT 360  
DB 324 GCGAACCAAGCAGCTGAATTTTCAGAAAGTAAAGGAGGCTGTGAGGCTGTGGGACTAAGT 383  
QY 361 TTGGCCGCAAGGACCAAGTTGAAACAGCCTTGAAGCTAGCTTTGAACTTGCAGCTAT 420  
DB 384 TTGGCCGCAAGGACCAAGTTGAAACAGCCTTGAAGCTAGCTTTGAACTTGCAGCTAT 443